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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	3190-014
First Inventor	Kyogo ITOH
Title	TUMOR ANTIGEN
Express Mail Label No.	EV074199178US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status
See 37 CFR 1.27.
3. Specification [Total Pages **63**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
5. Oath or Declaration [Total Sheets **1**]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
- a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS		
9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input type="checkbox"/> Power of Attorney
11.	<input type="checkbox"/> English Translation Document <i>(if applicable)</i>	
12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13.	<input type="checkbox"/> Preliminary Amendment	
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17.	<input checked="" type="checkbox"/> Other: . . International Preliminary Examination Report, International Search Report, & copy of PCT/JP00/05220	

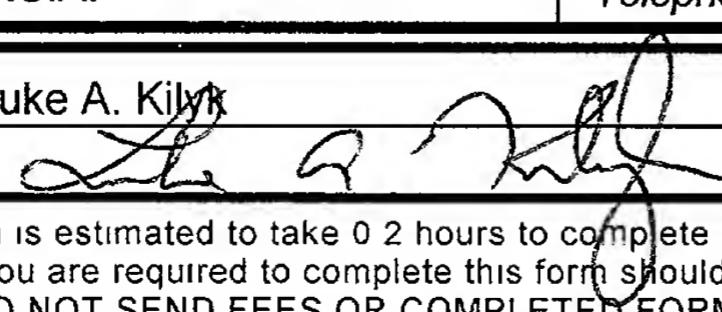
18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)
Prior application information Examiner _____ of prior application No PCT/JP00/05220 filed August 3, 2000
Group Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <small>(Insert Customer No. or Attach bar code label here)</small>				or	<input checked="" type="checkbox"/> Correspondence address below
Name	Luke A. Kilyk				
	KILYK & BOWERSON, P.L.L.C.				
Address	53A Lee Street				
City	Warrenton	State	VA	Zip Code	20186
Country	U.S.A.	Telephone	1-540-428-1701	Fax	1-540-428-1720

Name (Print/type)	Luke A. Kilyk	Registration No. (Attorney/Agent)	33,251
Signature		Date	February 1, 2002

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date: February 1, 2002 Label No. EV074199178US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Dawn M. Berry


Name (Print) Signature

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,297.00)

<i>Complete if Known</i>	
Application Number	To Be Assigned
Filing Date	February 1, 2002
First Named Inventor	Kyogo ITOH
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	3190-014

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge any deficiency in the following fees to

Deposit Account Number

50-0925

Deposit Account Name

KILYK & BOWERSOX, P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 Utility filing fee	370.00
106	330	206 Design filing fee	
107	510	207 Plant filing fee	
108	740	208 Reissue filing fee	
114	160	214 Provisional filing fee	

SUBTOTAL (1) (\$ 370.00)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
123	-20**=		103	x \$9.00	= \$927.00
	- 3**=				

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	280	204 140 Multiple dependent claim, if not paid
109	84	209 42 **Reissue independent claims over original patent
110	18	210 9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$927.00)

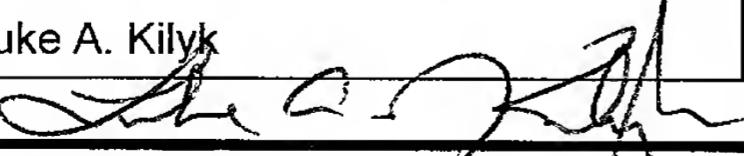
** or number previously paid, if greater, For Reissues, see above

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge -- late filing fee or oath	
127	50	227	25 Surcharge -- late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

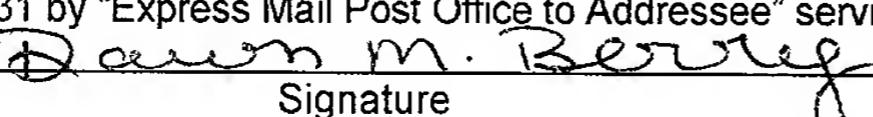
SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Luke A. Kilyk	Registration No (Attorney/Agent)	33,251	Telephone 1-540-428-1701
Signature				Date February 1, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231

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Dawn M. Berry



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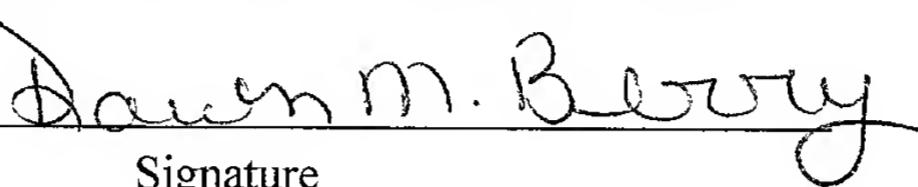
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Dawn M. Berry

Name of Person signing Certificate



Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

)

)

Kyogo ITOH

)

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Application No.: To Be Assigned

)

Group Art Unit: To Be Assigned

)

Filed: February 1, 2002

)

Examiner: To Be Assigned

)

For: TUMOR ANTIGEN

STATEMENT UNDER 37 C.F.R. § 1.821

Assistant Commissioner for Patents
Washington, D.C. 20231

February 1, 2002

Sir:

The diskette enclosed herewith contains a computer readable form of the Sequence Listing for the above-referenced patent application. The information recorded in computer readable form on the diskette is identical to the written sequence listing. The computer readable form of the sequence listing contained on this diskette is understood to comply with the requirements of 37 C.F.R. § 1.821. Also enclosed is a computer print-out of the sequence listing. The Applicants note that the computer print out version of the sequence listing (except for the application number) is already a part of the present application. No new matter is being introduced by this submission.

Statement Under 37 C.F.R. § 1.821

Page 2

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925 and please consider this a petition.

Respectfully submitted,



Luke A. Kilyk

Reg. No. 33,251

Atty. Docket No. 3190-014
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